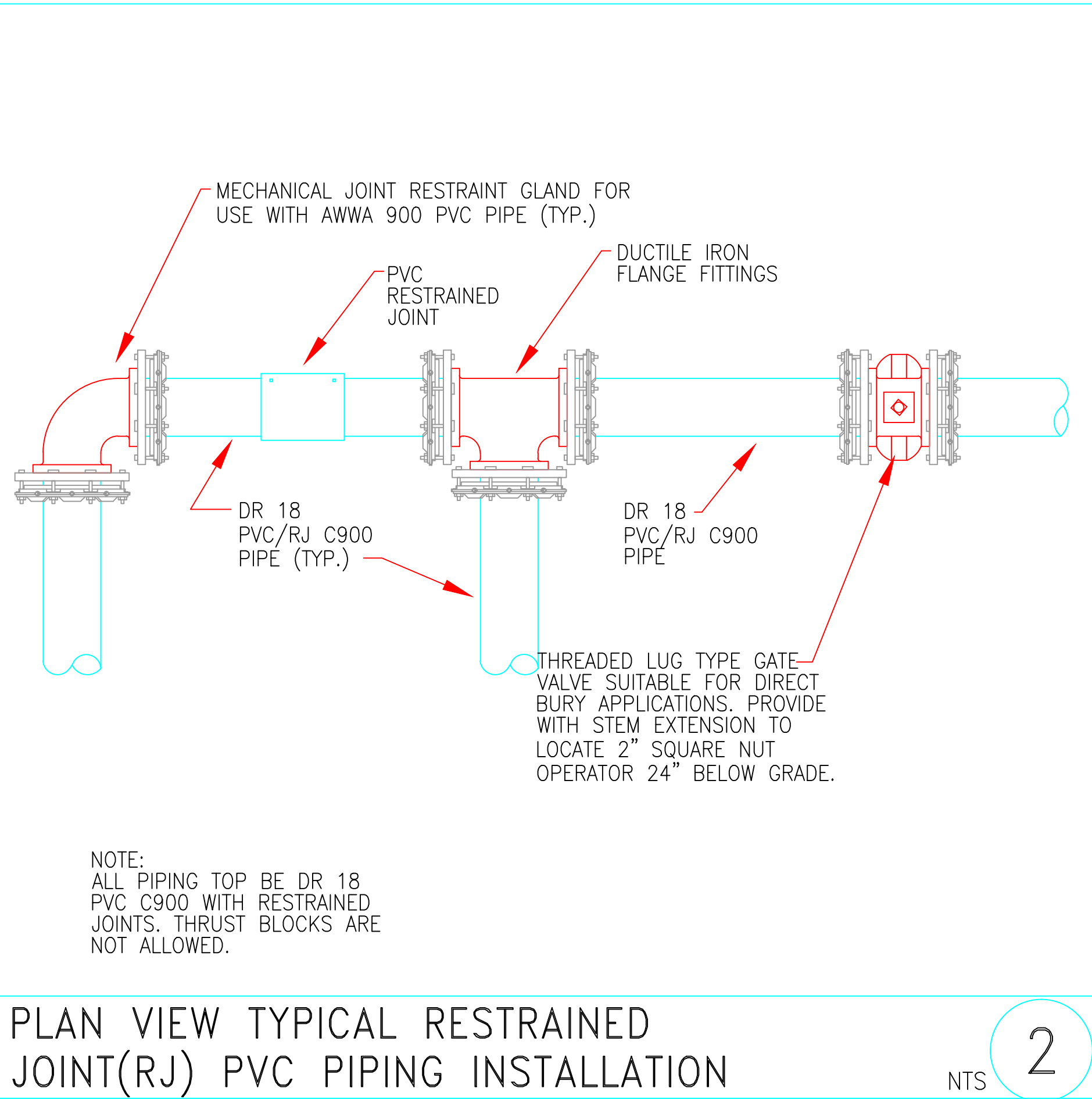


ELEVATION – PIPE OFFSET WITH HIGH POINT AIR VENT

NTS 4



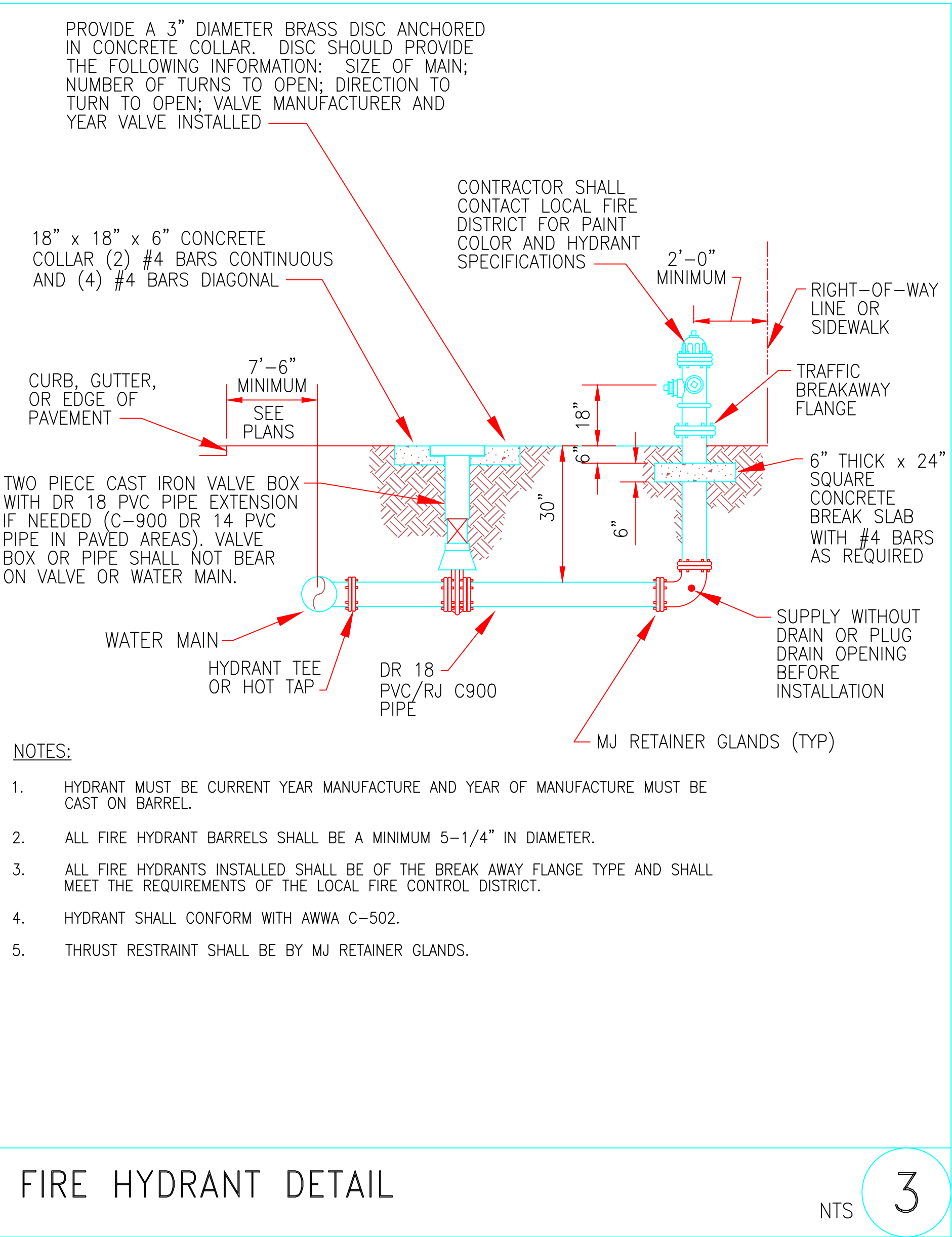
PLAN VIEW TYPICAL RESTRAINED JOINT(RJ) PVC PIPING INSTALLATION

NTS 2

1. THE PROJECT SCOPE CONSISTS OF REPLACEMENT OF AND NEW INSTALLATION OF UNDERGROUND DOMESTIC WATER PIPING.
2. THE EXISTING PIPING IS ASSUMED TO BE CAST IRON. THE REPLACEMENT PIPING SHALL BE RESTRAINED JOINT AWWA C900 PVC/DR18.
3. DOMESTIC WATER PIPING SHALL CONSIST OF BUT NOT BE LIMITED TO PIPING, FITTINGS, VALVES, FIRE HYDRANTS AND INDICATOR POSTS.
4. ALL WORK SHALL BE PHASED TO PROVIDE MINIMUM DOWN TIME FOR EACH SYSTEM AND OR BUILDING. THE CONTRACTOR SHALL PROVIDE A CONSTRUCTION SEQUENCE AND SCHEDULE INDICATING ANTICIPATED SYSTEM DOWN TIME.
5. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL EXISTING UNDERGROUND UTILITIES. ANY AND ALL DAMAGE CREATED BY WORK UNDER THIS PROJECT WILL BE THE RESPONSIBILITY OF THIS CONTRACTOR FOR REPAIR OR REPLACEMENT.
6. THE CONTRACTOR WILL UTILIZE BEST PRACTICE FOR UNDERGROUND PIPE INSTALLATION AND REPLACEMENT AS THE SITUATION DICTATES.
7. BED ALL PIPE IN SAND
8. 20 OUT OF 25 FIRE HYDRANTS ARE DEFICIENT IN TERMS OF ELEVATION ABOVE GRADE. ALL 25 HYDRANT MUST BE REVIEWED IN ORDER TO MEET THE FOLLOWING STANDARD:  
THE CENTER OF A HOSE OUTLET SHALL BE NOT LESS THAN 18" ABOVE FINAL GRADE OR, WHERE LOCATED IN A HOSE HOUSE, 12" ABOVE THE FLOOR.

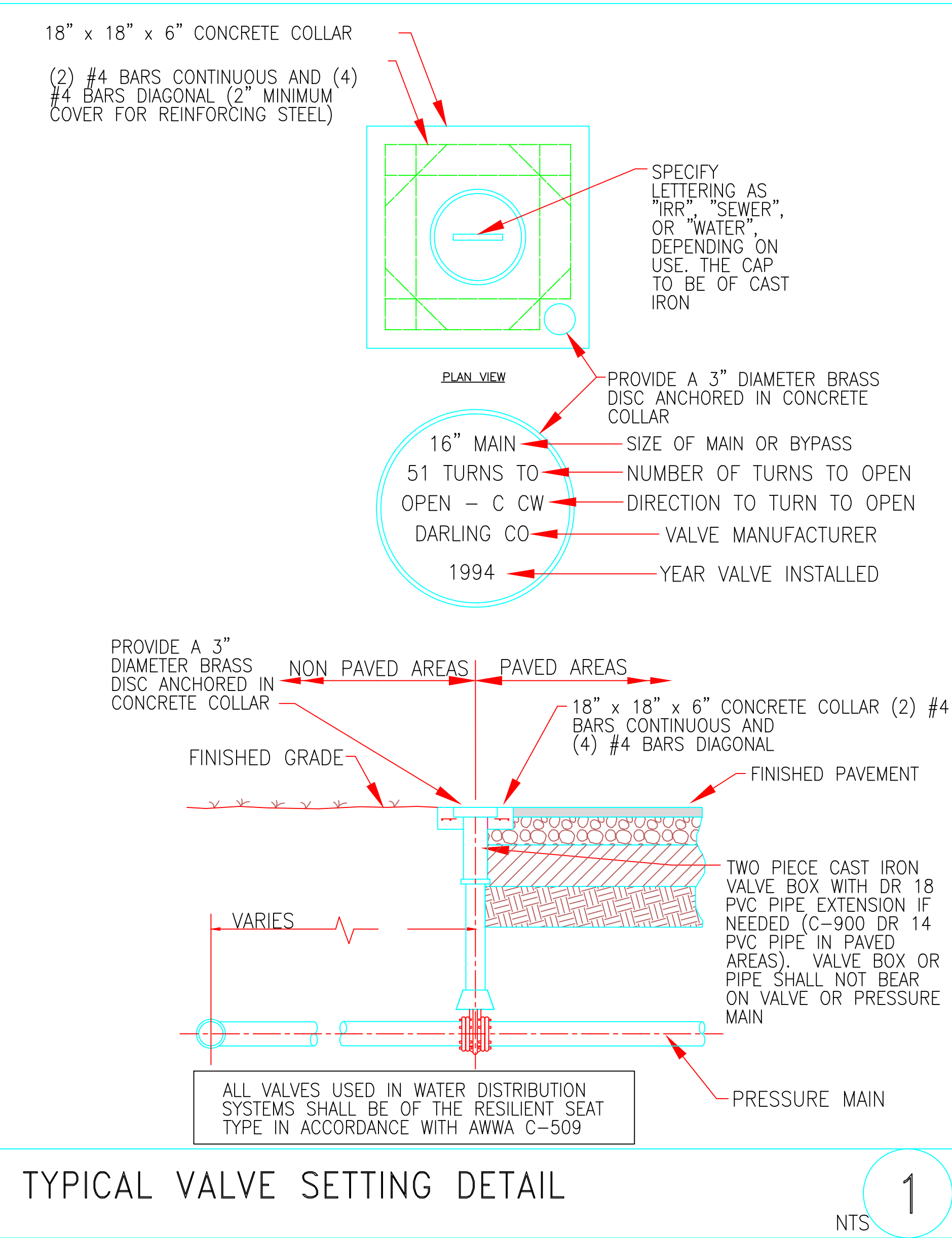
GENERAL PROJECT NOTES

NTS 5



FIRE HYDRANT DETAIL

NTS 3



TYPICAL VALVE SETTING DETAIL

NTS 1

REV-1 GENERAL PROJECT NOTES-FIRE HYDRANTS	22 AUG 12
Revision	Date

RECOMMEND APPROVAL			
REQUESTER	Date		
CHIEF OF SERVICE	Date	CHIEF OF STAFF	Date
ASSOC. DIR. PATIENT CARE SVC.	Date	ASSOC. DIR. for OPERATIONS	Date
APPROVAL BY:			Date
MEDICAL CENTER DIRECTOR			

Drawing Title	Project Title
DOMESTIC WATER PIPING NOTES AND DETAILS	REPLACE DOMESTIC WATER PIPING-NORTH LOOP
Approved: Safety Manager/M&O Supervisor	Building Number
	CMFUS
	Checked
	Drawn
	BLF
Approved:Chief of Facilities Management Svr.	Location
	W.G.(Bill) Hefner Medical Center
	1601 Brenner Ave.
	Salisbury NC 28144

Date	29 JUNE 2012
Project No.	659-12-253
DRAWING NO.	U-001
DWG. 4 OF 8	



Department of Veterans Affairs